

REV.	DESCRIPTION	DATE
A	RELEASE	Dec 31, 2012

Specification:

*Electrical Characteristics:

Current Rating: 0.5A.

Withstanding Voltage: AC500V r.m.s.

Insulation Resistance: 1000Megohms Minimum at DC 500V.

Contact Resistance: 100Miliohms Maximum.

*Mechanical Characteristics:

Mating Cyeles: 3000 Insertions.

*Environmwntal:

Operating Temperture: $-25^{\circ}\text{To}+70^{\circ}$.

*Material:

1.Housing: HI-Temp plastic UL 94V-0 Rated.

2.Contact: Copper Alloy.

3.Shell: SUS.

*Finish :

1u" Gold plated on conatct area,1u"Min Au plated on solder tails, Base Nickel :50u"Min.

*Packing:

Number of connectors: 750Pcs/REEL.

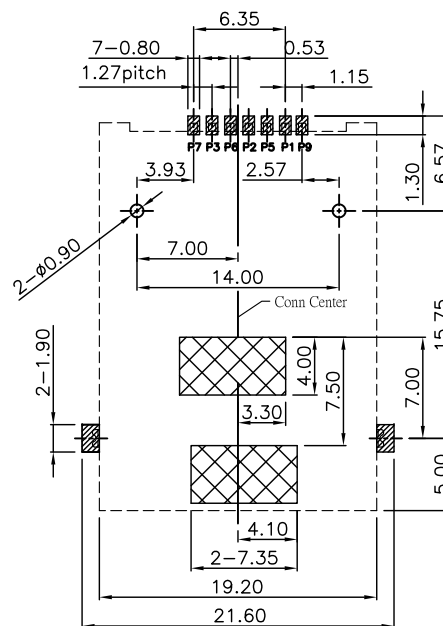
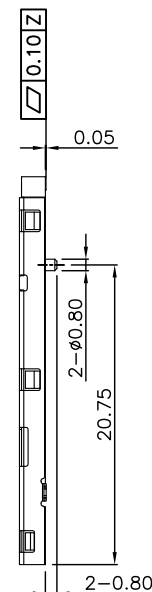
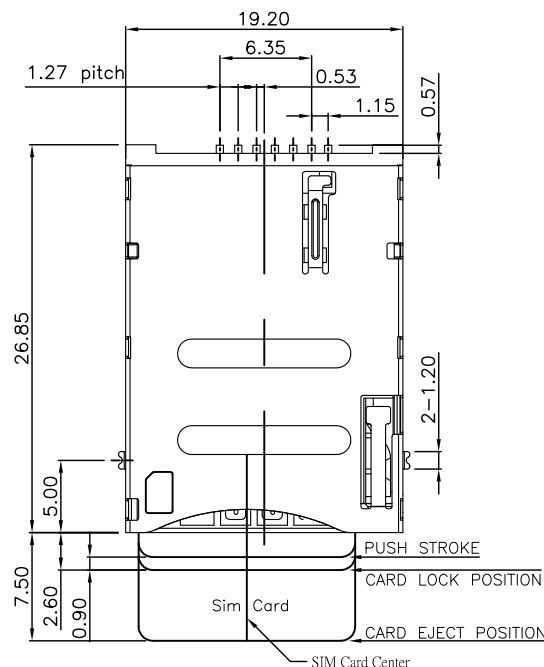
PART NUMBER INFORMATION :

5100106-X1106S-X	
SERIES CODE	R:RoHS
SMT 90°	H:HALOGEN FREE
SMI CARD	FOLLOW NUMBER
SINGLE TYPE	PLATING SEE TABLE
NUMBER OF POSITIONS	

DESCRIPTION OF PLATING ON TERMINALS

NO.	EXPLAIN	NO.	EXPLAIN
0	GOLD FLASH	3	GOLD 15u"
1	GOLD 5u"	4	GOLD 20u"
2	GOLD 10u"	6	GOLD 30u"

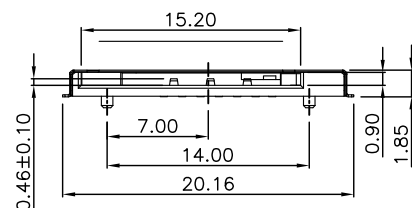
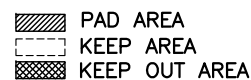
TOLERANCE .0=±0.25 .00=±0.15 .000=±0.05 ANG.=±3°	DRAWER 38222	INMO 东莞市英墨电子有限公司 INMO Electronics Co.,Ltd
CHECK 38222	APP'D X4WXX	
UNITS : mm	PRODUCT SPEC. —	NAME SIM CARD 6P+1 1.85H PUSH
SCALE NONE	SIZE A6	DRAW NO. R5100106-X1106S-X
SHEET 1 OF 1	REV. A	



RECOMMEND PCB LAYOUT

TOLERANCE: ±0.05

TOP VIEW



Circuit Diagram for Card Detect Switch

WITHOUT CARD

SHELL : GND

PIN 9 : CARD
DETECT SWITCH

INSERT CARD

SHELL : GND

PIN 9 : CARD
DETECT SWITCH

Connector terminal NO.	Pin NO.
Pin 1	VCC:PWR signal and GND
Pin 2	RST:Reset signal
Pin 3	CLK:Clocking signal
Pin 5	GND:PWR signal and GND
Pin 6	VPP:Porgramming Voltage
Pin 7	I/O:Serial date input/output
Pin 9	CD:CARD Detect Switch